

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A pet food composition for oral administration comprising an effective amount of an ingredient comprising an admixture of L-carnitine, ~~and~~ one of ginkgo biloba and an antioxidant blend in an amount sufficient to improve hair or coat quality of an animal, and a molecule that stimulates energy metabolism of a cell, in an orally acceptable carrier, wherein the antioxidant blend includes cysteine, grape or grape seed extracts rich in proanthocyanidins, vitamin C and vitamin E, and wherein the molecule is selected from the group consisting of cardiolipin, nicotinamide, and combinations thereof.

Claims 2-3 (canceled):

Claim 4 (previously presented): The composition according to claim 1, wherein the composition is selected from the group consisting of a pharmaceutical composition, a nutritionally complete pet food and a dietary supplement for animal consumption.

Claim 5 (previously presented): The composition according to claim 1, wherein the composition is a pharmaceutical composition.

Claim 6 (previously presented): The composition according to claim 1, wherein the composition provides a sufficient amount of the ingredient to stimulate hair growth.

Claim 7 (previously presented): The composition according to claim 1, wherein the composition provides a sufficient amount of the ingredient to modulate hair sebum lipid production and/or composition.

Claims 8-21 (canceled):

Claim 22 (previously presented): The composition according to claim 1, wherein the antioxidant blend further comprises an antioxidant selected from the group consisting of S-adenosyl-methionine, a compound that upregulates the biosynthesis of cysteine or S-adenosyl-methionine in vivo, tea catechins, coffee extracts containing polyphenols and diterpenes, spice extracts, soy extracts and other sources of flavonoids with antioxidant activity, ursodeoxycholic acid, ursolic acid, ginseng, ginsenosides and natural sources thereof, and combinations thereof.